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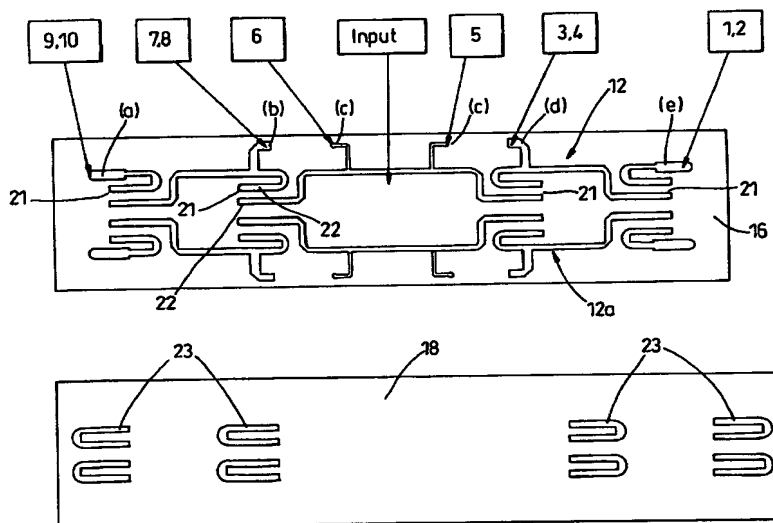
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(54) Title: A PHASE SHIFTING DEVICE



(57) Abstract: This invention relates to a phase shifting device, which generally comprises of rigid chassis, in the form of an aluminium plate, which can form a ground plane for feed lines (12) printed on a printed circuit board (16), which is mounted on the chassis, a rigid RF transparent block, which is fixed to an actuator arm and mounting bolts for slidably mounting block and actuator on the chassis. A flexi circuit, or the equivalent, (18) is attached to the block and is printed with generally c-shaped conductive strips (23), which form connections at open parts of the feed lines, in such a manner that movement of the block will cause changes in the effective lengths of the feed lines (12) and hence the relative phases of antennas fed by those feed lines.

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